CHITALDRUG DISTRICT.

Notification dated 11th January 1952.

No. F3. 105-7—51-52. It is hereby notified for the information of the public that Government purchase depot will be opened at Molakalmuru Town with immediate effect.

6455 K. SESHAGIRI RAO, *Dy. Commr.*

FOREST DEPARTMENT

MYSORE FOREST DIVISION.

Abstract Notification dated 3rd January 1952.

It is hereby notified for the general information of the public that under Section 40 of the Mysore Forest Act, notice is hereby given for general information that the undermentioned kinds and quantities of timber found adrift and unclaimed in the places noted against each are kept in the custody of the parties noted below. Persons having any claim to the said timber may present written statement of their claim adducing satisfactory evidence to the District Forest Officer, Mysore Division, Mysore, within one month from the date of publication of this notification, failing which, the ownership of the timber shall vest in Government free from all encumbrances under Section 42 of the Mysore Forest Act.

Place at which found and date,	In whose custody	Marks	Kind	No.	C.ft.
1. HEGGADDEVANKOTE RANGE.					
Chamanaikana Mala near Siddappaji Temple, Katte Manna Hally, Heggadadevankote Taluk. Found on 31st July 1951.	Government Sri Basappa of Katte Manna Hally.	Nil	Hulube ...	3	11
			Bilwara ...	2	17
			Godda ...	1	12

6627 MOHAMED AHMED, *D.F.O.*

OFFICE OF THE CONSERVATOR OF FORESTS, SHIMOGA CIRCLE, SHIMOGA.

Notification dated 5th—7th January 1952.

No. M. 4-14—51-52. It is hereby notified for the information of the public that under the proviso to Rule 4 (b) of the Rules for the protection of Game and Fish in Mysore, the area within a radius of five miles of the undermentioned villages as per details noted against them is thrown open for free shooting of tigers reported to be causing havoc in the locality.

Village	Hobli	Taluk	District	Thrown open for a period of
Bidare and surrounding villages.	Bidare	Kadur	Chikmagalur.	Three months.

6626 D. A. RAMA RAO, *Conservator of Forests* I/c

UNIVERSITY OF MYSORE

Amendment No. 76 to Calendar, Vol. I for 1947-48.

The following is the detailed syllabus in Mathematics for the B.Sc. Degree and the inclusion of combinations thereof :—

M-1 (Pure Mathematics)

PAPER I—Algebra and Trigonometry
PAPER II—Calculus and Differential Equations
PAPER III—Geometry

M-2 (Applied Mathematics)

PAPER I—Dynamics
PAPER II—Statics and Hydrostatics
PAPER III—Astronomy

SYLLABUS FOR M-1

PAPER I

Algebra :—Inequalities; Sequences; Series of Positive terms; Simple tests for convergence, Alternating Series, Absolute Convergence. Binomial, Exponential and Logarithmic Series; Recurring Series; Simple continued fractions; Partial fractions: Determinants.

Elementary Theory of Equations—Relation between Roots and Coefficients, Simple transformations, Reciprocal Equations, Elementary symmetric functions of roots, Solutions of Cubic and Quartic equations, Multiple roots. Descarte's Rule of Signs

Trigonometry :—De'Moivre's Theorem with Simple applications, Series for Sine and Cosine, Exponentials, Hyperbolic functions, Logarithm of a Complex number, Summation of Simple Trigonometric Series.

PAPER II.

Differential Calculus :—Differentiations, Successive differentiation, Mean value Theorems, Taylor's Theorem, Expansions and Indeterminate forms, Maxima and Minima of functions of One variable, Partial Differentiation.

Geometrical Applications, Tangents and Normals; Curvature; Evolute and Involute; Envelopes; Tracing of Simple Standard curves in Cartesian and polar co-ordinates.

Integral Calculus :—Methods of Integration—Reduction formulæ; Definite Integral as the Limit of a sum; Evaluation of simple Definite Integrals, First Mean value Theorem.

Applications to lengths of curves, areas, surfaces and volumes, Determination of Centre of Gravity and Moment of Inertia.

Differential Equations :—Formation of Differential equations, Equations of the First order and First degree; First order not of the First degree; Clairaut's form. Linear Differential Eqtations with constant coefficients and equations reducible to them.

PAPER III.

Pure Geometry :—Concurrency and Collinearity; Cross Ratio; Harmonic Seetion; Projection; Inversion; Co-axial circles; Complete quadrilateral.

Analytical Geometry of Two Dimensions :—Pairs of straight lines; Circles; Properties of Conics derived from their standard equations; General Equation of a conic (Elementary treatment); Tracing of Conics; Polar equations.

Analytical Geometry of Three Dimensions :—Direction Cosines; Plane; Straight Lines and relations between them (shortest distance between two lines). Sphare, Cone of the Second degree; Ellipsoid in the standard form, Tangent plane, Conjugate Diameters. Hyperboloid of One Sheet—Systems of generators.

SYLLABUS FOR M-2

PAPER I—DYNAMICS

Dynamics of a Particle :—Newton's Laws of Motion; Motion in a straight line under different laws ($\ddot{x} = \pm \mu x$; $\ddot{x} = -\mu/x^2$). Projectile motion; Impact; Radial and transverse acceleration; motion in a central orbit (elementary cases); Kepler's laws. Tangential and Normal accelerations; Constrained motion; motion in a circle; Simple, Conical and Cycloidal Pendulum, Motion in a Resisting Medium (Resistance varying as velocity) in a straight line.

Rigid Dynamics :—Moment of Inertia and Products of Inertia; Momental Ellipsoid; Momental Ellipse; Principal axes; Equimomental system. D'Alembert's Principle. General Equations of Motion. Motion about a Fixed axis-Compound Pendulum. Impulsive forces. Motion in Two Dimensions under Finite forces (Simple cases).

PAPER II—STATICS AND HYDROSTATICS

Statics :—Equilibrium of Coplanar forces; Problems in Friction; Virtual Work; Centre of Gravity; Stable and Unstable Equilibrium; Catenary; Simple Graphic Statics.

Hydrostatics :—Fluid pressure; Centre of Pressure; Thrust on curved surfaces; Equilibrium of floating bodies; Metacentre and stability (Simple cases); Properties of gases.

PAPER III—ASTRONOMY

Spherical Trigonometry:—Fundamental formulæ; Solution of Right-angled Spherical triangles.

Astronomy :—Celestial Sphere; Celestial Co-ordinates; Diurnal Motion; Simple problems; Determination of λ and ϕ; Annual motion of the Sun; Equation of time; Mean and Siderial Time.

Planets; Moon and Eclipses.

Atmospheric Refraction, Parallax (Geo-centric) and annual; Aberration; Precession and Nutation.

Magnitudes of stars, Binary stars; Proper motion of stars

COMBINATION OF OPTIONAL SUBJECTS

Physics, Chemistry, Mathematics I.
Physics, Mathematics I, Mathematics II.
Statistics, Mathematics I, Mathematic sII.

1470 C. RANGACHAR, *Registrar.*

INDIAN AUDIT AND

STATEMENT OF RECEIPTS

GOVERNMENT

FOR THE MONTH

[In Thousands of Rupees]

Major Head No.	Revenue	October 1951-52	October 1950-51	To end of October 1951-52	To end of October 1950-51	Budget, 1951-52	Additional grants sanctioned for working expenses, etc., during 1951-52	Actuals, 1950-51
VII	Land Revenue	1,51		62,67		1,40,20		
VIII	State Excise Duties	14,83		1,22,40		2,03,92		
IX	Stamps	3,32		29,10		45,84		
X	Forest	2,71		26,26		1,11,00		
XI	Registration	66		5,99		9,28		
XII	Receipts under Motor Vehicles Act ...	10,07		37,90		43,50		
XIII	Other Taxes and Duties	10,62		1,11,00		1,08,49		
XVII	Irrigation, Navigation, etc., works for which Capital Accounts are kept.	192		7,41		9,40		
XVIII	Irrigation, Navigation, etc., works for which no Capital Accounts are kept.	...		...		...		
XX	Interest	1,57		26,22		29,32		
XXI	Administration of Justice	49		3,71		5,15		
XXII	Jails	2		14		84		
XXIII	Police	18		1,13		3,87		
XXVI	Education	1,01		13 42		30,50		
XXVII	Medical	58		7,95		9,61		
XXVIII	Public Health	14		66		2,71		
XXIX	Agriculture	66		17,13		4,66		
XXX	Veterinary	23		2,44		6,51		
XXXI	Co-operation	...		14		40		
XXXII	Industries and Supplies	36		4,49		33,08		
XXXVI	Miscellaneous Departments	4,91		29,67		53,75		
XXXIX	Civil Works	36		2,70		28,89		
XLI	Receipts from Electricity Schemes	7,96		59,07		80,43		
XLIV	Receipts in Aid of Superannuation	32		1,40		1,53		
XLV	Stationery and Printing	12		1,72		44		
XLVI	Miscellaneous	—15		1,59		7,94		
XLVI A	Receipts from Road Transport Schemes ...	...		...		1,61		
XLIX	Grants-in-aid from Central Government ...	86,25		2,58,75		3,45,00		
LI	Extraordinary Receipts	66		3,29		55,00		
LII-A	Transfer from Funds	1,11		7,12		18,42		
	Total Revenue ...	1,52,62		8,45,17		13,80,69		
	Contingency Fund (Net)	...		...		...		
	Public Debt (Net)	...		...		6,60,00		
	Unfunded Debt (Net)	...		...		94,32		
	Deposits and Advances (Net)	...		...		3,42,11		
	Loans and Advances by State Government (Net)	...		...		...		
	Remittances (Net)	35,49		2,06		...		
	Total Receipts ...	1,88,11		8,47,53		24,77,12		
	Opening Balance ...	4,21,19		4,27,92		99,09		
	Total ...	6,09,30		12,75,45		25,76,21		

BANGALORE,
Dated 5th January 1952.

ACCOUNTS DEPARTMENT

AND PAYMENTS OF THE

OF MYSORE

OF OCTOBER 1951.

[In Thousands of Rupees.]

Major Head No.	Expenditure	October		To end of October		Budget, 1951-52	Additional grants sanctioned during 1951-52	Actuals, 1950-51
		1951-52	1950-51	1951-52	1950-51			
7	Land Revenue	63		19,99		25,21		
8	State Excise Duties	1,28		5,31		16,90		
9	Stamps	8		64		1,89		
10	Forest	2,48		18,22		37,66		
11	Registration	32		2,50		4,29		
12	Charges on account of Motor Vehicles Act ...	10		3,45		6,56		
13	Other Taxes and Duties	31		2,04		4,28		
17	Interest on Works for which Capital Accounts are kept.	...		...		...		
18	Other Revenue Expenditure Financed from Ordinary Revenues.	4,14		28,94		48,01		
19	Construction of Irrigation, Navigation, etc., works.	94		11,69		30,75		
22	Interest on Debt and other Obligations ...	8,52		42,68		82,11		
23	Appropriation for reduction or avoidance of Debt.	...		...		20,00		
25	General Administration	5,63		43,79		70,83		
27	Administration of Justice	1,57		12,85		23,68		
28	Jails	57		3,58		6,84		
29	Police	7,11		48,63		91,75		
36	Scientific Departments	12		1,17		2,82		
37	Education	21,63		1,46,55		3,08,96		
38	Medical	5,66		39,79		92,24		
39	Public Health	2,08		12,92		42,68		
40	Agriculture	5,69		24,37		68,30		
40-A	Rural Development	2,38		16,60		54,69		
41	Veterinary	1,61		9,08		23,47		
42	Co-operation	48		2,84		5,24		
43	Industries and Supplies	1,71		13,75		46,09		
47	Miscellaneous Departments	60		5,74		12,81		
50	Civil Works	10,05		79,76		2,02,51		
52	Interest on Capital outlay on Electrical Schemes.	...		...		...		
52-A	Other Revenue Expenditure connected with Electrical Schemes.	...		...		...		
54-A	Territorial and Political Pensions	2		2,22		2,85		
55	Superannuation Allowances and Pensions ...	3,00		22,67		38,04		
56	Stationery and Printing	55		5,95		14,25		
57	Miscellaneous	1,06		6,67		18,07		
63	Extraordinary Charges	2,64		23,40		19,50		
64-A	Transfer to Funds	...		...		...		
	Total Expenditure on Revenue Account ...	92,91	...	6,57,69		14,18,23		
	CAPITAL EXPENDITURE OUTSIDE REVENUE ACCOUNT.							
68	Construction of Irrigation, Navigation, etc., Works.	7,26		47,34		96,08		
70	Capital outlay on Improvement of Public Health	15		2,13		8,15		
72	Capital outlay on Industrial Development ...	2,70		6,28		2,35,92		
81-A	Capital outlay on Electrical Schemes ...	15,70		97,45		4,16,33		
82-B	Capital outlay on Road Transport Scheme ...	6		53		7,50		
85-A	Capital outlay on Schemes of State trading ...	18,35		—79,09		20,00		
	Total ...	44,22		74,64		7,83,93		
	Contingency Fund (Net)	9		8		...		
	Public Debt (Net)	...		3		...		
	Unfunded Debt (Net)	1·73		5,89		...		
	Deposits and Advances (Net)	14,69		71,87		...		
	Loans and Advances by State Government (Net)	79		10,38		94,94		
	Remittances (Net)	...		...		40,35		
	Total Disbursements ...	1,54,43		8,20,58		23,37,45		
	Closing Balance ...	4,54,87		4,54,87		2,38,76		
	Total ...	6,09,30		12,75,45		25,76,21		

B.—Figures for 1950-51 are not shown due to change in the Heads of Account.

S. GUPTA,
Accountant General, Mysore.

MISCELLANEOUS DEPARTMENTS

OFFICE OF THE HOSKOTE-ANEKAL CONSTITUENCY, DODBALLAPUR SUB-DIVISION, BANGALORE.

Notification dated 12th January 1952.

FORM I.

(Rule 3).

Form of Notice.

Whereas the Hoskote-Anekal Constituency of the Mysore Legislative Assembly has been called upon to elect (members) on or before the 28th February 1952, I, Sri M. Chinna Reddy, the Returning Officer of the said constituency do hereby give the following :—

Public Notice.

(i) The number of person(s) to be elected is two [of which one shall belong to the Scheduled Castes who shall belong to the Scheduled Castes].

(ii) Nomination papers may be delivered to the undersigned at his office at Bangalore. They should be presented between 11 A.M. and 3 P.M. on or before the 19th January 1952.

(iii) Forms of nomination paper may be obtained at the offices of the persons above mentioned between the hours of 11 A.M. and 5 P.M. from 12th January 1952 to 19th January 1952.

(iv) The nomination papers will be taken up for scrutiny at 11 A.M. on 21st January 1952, in Dodballapur Sub-Division Office, Bangalore City.

(v) In the event of the election being contested, the poll will take place on 24th February 1952, between the hours of 8 A.M. and 12 NOON and 1 P.M. and 5 P.M.

M. CHINNA REDDY,
Returning Officer.

Date :—12th January 1952.
Address :—Sub-Division Office, Dodballapur Sub-Division, Bangalore City.

6475

MANDYA DIVISION.

Notification.

The Visvesvaraya Canal and its branches will be closed for annual repairs during 1952 in accordance with the programme noted below :—

16th January 1952	to	25th January 1952	(both days inclusive)		Closed
26th do	to	4th February 1952	do	...	Open
5th February 1952	to	14th do	do	..	Closed
15th do	to	24th do	do	...	Open
25th do	to	5th March 1952	do	...	Closed
6th March 1952 onwards		... ...	...	...	Open

M. VIJAYADHWAJA RAO,
6725 *Executive Engineer.*

UNIVERSITY OF MYSORE

Notification dated 18th October 1951.

AMENDMENT No. 89.

No. Ex. 2-265—51-52. Amendment of Ordinances 76 and 79 (University Calendar Volume I for 1947-48). *Delete* the existing Ordinances 76 and 79 on pages 61-62-63 of University Calendar Volume I for 1947-48.

Add the following :

76 Courses of Studies B.A. and B.Sc. Degree

The Course of study leading to the Degree of Bachelor of Arts or Bachelor of Science shall extend over two years after the Intermediate Examination, and shall comprise English, a second language and any three of the following subjects which shall be taken in combinations approved by the Academic Council, from time to time.

ARTS	SCIENCE
History	Mathematics I
Political Science	Mathematics II
Philosophy	Biology
Sociology	Statistics
A classical language	History and Philosophy of Science.
Education	Physics
Aesthetics	Chemistry
History of Civilization.	Botany
Psychology	Zoology
Law	Geology
A Modern Indian Language.	General Physiology
English	Experimental Psychology
French	Educational Psychology and
Economics	Child Psychology
Geography	

Candidates who take not less than *two Arts Subjects* shall be eligible for the Degree of Bachelor of Arts and that those who take not less than *two Science Subjects* shall be eligible for the Degree of Bachelor of Science.

The combinations to be provided for in a college in any year shall be determined by the University Council on the recommendations of the Principals of Colleges.

Delete the existing ordinance 78 on page 62 of University Calendar Volume I for 1947-48.

Add the following :

78 Second language : The second language for translation shall be selected from among Kannada, Urdu, Tamil, Telugu, Hindi, Sanskrit, Persian, Arabic and Latin.

79 Classical Language : The classical language shall be selected from Old Middle Kannada, Sanskrit, Pali and Prakrit, Persian (classical), Arabic, Avestan and Latin.

Delete the existing Ordinances 80 and 81 on page 63 of University Calendar Volume I for 1947-48.

(Letter No. E. 4870, dated 13th September 1951, from the Education Secretary to Government.)

1470

Notification dated 11—12th January 1952.

No. Ex. 5-707—51-52. It is hereby notified that the M.A. and M.Sc. Degree Examinations will be held during July-August 1952. The exact date of the commencement of the examinations will be notified in due course.

The examinations will be held at the following centres:—

Examinations	Centre
M.A. Degree	Mysore
M.Sc. Degree—	
Statistics	Mysore
Other subjects	Bangalore

1. Applications for the examinations should be sent through the Heads of Institutions concerned. They should not be sent direct to the University Office. Forms of applications for the M.A. and M.Sc. Degree Examinations can be had from Heads of Institutions from 8th February 1952. Forms will not be supplied to the candidates directly from the University Office.

2. Candidates who have failed in previous examinations should submit their applications through the Head of the Institution in which they last attended the course.

3. The last date for receipt of applications in the College will be 22nd February 1952.

4. The application fee once paid will under no circumstances be refunded or readjusted.

5. Particular attention of the candidates is invited to the instructions provided on the application forms. No change in the Centre of Examination will be permitted when once the application is registered.

The following is the Scale of Examination Fees:—

		Rs.
1	M.A. Degree.	100
2	M.Sc. Degree	100

Examinations time-table will be published in due course.

By Order,
C. RANGACHAR,
1480 *Registrar.*